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وزارة التكوين والتعليم المهنيين
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المركز الوطني للتعليم المهني عن بعد (م.و.ت.م.ب)

COURS D'ANGLAIS

SÉRIE N° 05

OBJECTIF PÉDAGOGIQUE : À la fin de cette série, le stagiaire doit être capable de distinguer les différentes techniques de la langue Anglaise.

CONTENT :

MULTIMEDIA MAGIC!

Signification of the different contain of the multimedia:

- Graphics
- Sounds
- Ram
- Mp3

MULTIMEDIA MAGIC !

1-

Multimedia applications are used in all sorts of fields. For example, some museums, banks and estate agents have information kiosks that use multimedia .Companies produce training programmes on optical disks, and marketing managers use presentation packages (e.g. Microsoft PowerPoint) to make business presentations. Teachers use multimedia programs to make video projects or to teach subjects such as music and languages. They have all found that moving images, sound and music involve viewers emotionally as well as inform them, and make their message more memorable.

The power of multimedia resides in hypertext and hypermedia .If you click on a hypertext word, you jump to another screen with more information about the subject .Hypermedia is similar, but also works with sound, graphics and video.

2-

To capture sounds in digital format and play them back, modern PCs contain a sound card. This is a type of expansion card which offers two important capabilities: (i) a built-in stereo synthesizer and (ii) a system called Musical Instrument Digital Interface, or MIDI. This allows electronic musical instrument to communicate with computers.

You can also listen to music on your PC. Many radio stations broadcast on the web using a technique called “streaming”. This lets you play an audio file in a continuous stream, while it’s downloading, before the entire file is transmitted. Sometimes bands transmit concerts on the Web in a process called “webcast”. To listen to online music you just need a plug-in like RealPlayer.

3-

There are two ways of storing photos on a computer .The first way is to use a digital camera. Photos are stored in a memory chip and then they’re downloaded to the computer. The second way is to scan printed photos by using a scanner. With special software you can repair flaws, add effects and even save your photos on a CD.

Video is another important part of multimedia .Video computing refers to recording, manipulating and storing video in digital format. In fact, today you can make your own movies on your PC. This is what you have to do: First capture images with a digital video camera and then transfer the digital video to your computer. Next, with a video editing program (e.g. iMovie) cut your favourite segments, re-sequence the clips and add transitions and other effects. Finally, save your movie on a video CD, DVD or a videotape. You can also place your work on the internet.

4-

Multimedia software is usually interactive and comes on CD-ROMs or DVDs. For example, the Compton's Encyclopedia enables you to read about whales, look at photos of whales, listen to whale songs, and view animated sequences .Similarly, the Grolier Encyclopedia lets you read about birds, view pictures of birds , and listen to recordings of their songs.

Other CD-ROMs include games, guides, dictionaries and educational courses about history, science, the human body, cinema, literature and foreign languages.

1- Read the text and correct these statements .There is a technical mistake in each of them:

1- Multimedia PCs cannot integrate text with graphics and video,
2- You don't need to have a sound board on your PC to hear speech and music.
3- Most multimedia software is distributed on magnetic disks.
4- Digital cameras store photos in a roll of film.
5- There are no language courses available on CD-Rom.

2- Match these terms in the box with the explanations:

a hypertext	**b** MIDI interface	**c** Video editing
d streaming	e webcast	

1- The process of manipulating video images.

2- A code for the exchange of information between PCs and musical instruments.

3- Text with hyperlinks, which take you to other pages.

4- A concert or other event that is transmitted over the web.

5- A technique for playing sound and video files as a continuous stream, while they're downloading.

3- Multimedia on the web:

Read the text and find:

1- The function of the extension that is usually added to a file name.

2- The language used to create the majority of text files on the web.

3- The graphics interchange format created by CompuServe to compress images

4- The small program (plug-in) that lets you hear audio recordings on the Net

5- The most popular video formats

6- The format created by the Moving Picture Experts' Group to capture ,store and play back movies

7- The extension for the files that can be decompressed with a program like WinZip.

Recognizing the formats:

Web pages can contain different multimedia elements: a text, graphics, sounds, video and animation .To identify the format or type of file and an extention (a three –letter suffix) is usually added to the file name when it's saved on disk.

Text: The most common text extensions are .**txt**, **pdf**, **doc** and **htm** (or **html**). Most of the text files that you find on the web have the extension .htm, created with the hypertext mark u-p language.

Graphics: Graphics on the web can include pictures, photos, paintings, image –maps and buttons. The most common formats are .**gif** (a standard image format developed by CompuServe) and .**jpg** or .**jpeg** (created by the Joint Photographic Expert' Group).

Sounds*:* The Internet is a great place to find and hear hit songs, movies soundtracks and recorded interviews. The most common formats are these:

- **Wav**: wave files can be played with Sound Recorder included with windows.
- **Ra** or **ram:** RealAudio files can be heard with Real Player, a plug-in you can download from the web.
- **Mp3**: compressed music files that can be played with an MP3 player.

Video and animation*:* You can see cartoons and movie clips on the Web, but you need the appropriate software. Video files are usually stored in: **avi**, **mov**, and **mpg** (or **mpeg**) formats .To view

MPEG videos you just need video for windows. However, to create high-quality movie clips you need a dedicated MPEG expansion card. You can also find animation and 3-D worlds. The two standard tools to manipulate animated worlds are VRML and JAVA. To view a virtual animation you need a program like QuickTime VR.

Compressed files: When you download files, they're probably compressed .Windows files have a .**zip** extension. Macintosh files usually have a .sit extension and are opened with Stuffit.